

# DIVISION OF COMPUTING, ENGINEERING AND MATHEMATICAL SCIENCES

## School of Computing

School Website: [www.cs.kent.ac.uk](http://www.cs.kent.ac.uk)

**Please refer to the online Module Catalogue for full details of all modules:**  
[www.kent.ac.uk/courses/modules](http://www.kent.ac.uk/courses/modules)

Note: It is ultimately your responsibility to ensure that you are registered for the correct modules for your course.

**Please select a link below to view the requirements for your course:**

- [Advanced Computer Science](#)
- [Advanced Computer Science with an Industrial Placement](#)
- [Advanced Computer Science – Epitech Students](#)
- [Artificial Intelligence](#)
- [Artificial Intelligence with an Industrial Placement](#)
- [Artificial Intelligence - Epitech Students](#)
- [Computer Science](#)
- [Computer Science with an Industrial Placement](#)
- [Computer Science \(Artificial Intelligence\)](#)
- [Computer Science \(Artificial Intelligence\) with an Industrial Placement](#)
- [Computer Science \(Cyber Security\)](#)
- [Computer Science \(Cyber Security\) with an Industrial Placement](#)
- [Cyber Security](#)
- [Cyber Security with an Industrial Placement](#)
- [Cyber Security- Epitech Students](#)

*The information contained herein is correct at the time of publication. Please note, however, that if a module recruits fewer than 8 students it is possible that it will not run. In this event, you will be contacted and asked to select an alternative module.*

## INDUSTRIAL PLACEMENTS

Students can opt to undertake an industrial placement as part of their MSc course. Courses with an industrial placement are only available on a full-time basis. Placements normally commence after the project has been completed (September) and may vary in length from 8 to 50 weeks, extending the MSc course to between 14 and 24 months. The timing and duration varies depend on the employer.

For the purpose of the credit framework the taught modules, project and placement constitute a single stage. However, commencement of the placement is conditional on satisfactory progress in the taught modules, as determined at the interim examination board in June. A student with resits amounting to more than 30 credits will normally be required to retrieve the credit before beginning a placement.

The Industrial Placement Co-ordinators (email [csplacements@kent.ac.uk](mailto:csplacements@kent.ac.uk)) will support you in finding a suitable placement but the search effort is primarily down to you. To help with this there will be employer presentations and specific skills talks.

The University does not guarantee every student will find a placement. Students who have not secured a placement by 31<sup>st</sup> July of the year in which the placement is due to commence will be transferred to the corresponding MSc course without a placement.

**Additional modules used for courses with an industrial placement are as follows:**

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
<a href="#">COMP9020</a>	Industrial Placement Report	15	Autumn & Spring	7

**PLUS one of the following optional modules depending on the length of the placement:**

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
<a href="#">COMP9150</a>	Industrial Placement Experience (3 Months)	15	Autumn	7
<a href="#">COMP9160</a>	Industrial Placement Experience (6 Months)	45	Autumn & Spring	7
<a href="#">COMP9170</a>	Industrial Placement Experience (9 Months)	75	Autumn, Spring & Summer	7
<a href="#">COMP9180</a>	Industrial Placement Experience (12 Months)	105	Year Long	7

The Industrial Placement modules cannot be compensated, condoned or repeated. However, the examination board may permit resubmission of an Industrial Placement Report if the failure was due to shortcomings in the report itself rather than in the work undertaken during the placement.

Any student who fails either of the placement modules (with the above exception) will be transferred to the corresponding MSc course without an Industrial Placement.

## EPITECH STUDENTS

Epitech students may only register for the following courses:

- MSc Advanced Computer Science
- MSc Artificial Intelligence
- MSc Cyber Security
- MSc Networks and Security

Some adjustments apply to students from Epitech who are attending an MSc course at Kent under the partnership arrangement between the two institutions. Epitech students should therefore view their own version of the requirements in this document when considering their module choices. Details of these adjustments are as follows:

Epitech students who have previously studied Java as part of their course at Epitech do not take modules from either of the programming streams ([COMP8710/8810/8820](#)). They must select an additional 15-credit option for the Autumn term instead.

Epitech students who have not previously studied Java may select the advanced programming stream ([COMP8710](#)) if they wish to learn Java. However, please be aware you will have encountered many of the concepts it covers in your courses at Epitech.

## KENT GRADUATES

Students who undertook a previous degree at Kent are not permitted to repeat any module from their earlier course as part of these postgraduate courses. If you have taken a compulsory module before then please contact the course director for advice. Typically, when this situation arises a suitable alternative module will be substituted.

**ADVANCED COMPUTER SCIENCE  
ADVANCED COMPUTER SCIENCE WITH AN  
INDUSTRIAL PLACEMENT**

**PADC0001X3MS-F  
PADC0001P3MS-F**

**STAGE 1 – 125 credits – 60 credits per term**

You must take EITHER **COMP8710** OR both **COMP8810** AND **COMP8820** depending on your prior experience of programming (15-30 credits):

**COMP8710** is compulsory for students with substantial prior experience of programming.

**COMP8810** & **COMP8820** are compulsory for students with limited or no prior experience of programming.

Compulsory module(s):	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
<b>COMP8710</b>	Advanced Java for Programmers	15	Autumn	7
OR				
<b>COMP8810</b>	Object-Oriented Programming	15	Autumn	7
<b>COMP8820</b>	Advanced Object-Oriented Programming	15	Autumn	7

**PLUS 30 - 45 Autumn term credits and 60 Spring term credits from the following optional modules (**ENLA6001** counts as a Spring module for this purpose):**

Students may not choose more than 30 credits of Level 5 or 6 modules in total during their MSc.

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
<b>COMP5450</b>	Functional Programming	15	Spring	5
<b>COMP6590</b>	Computational Creativity	15	Spring	6
<b>COMP6690</b>	Cognitive Robotics	15	Spring	6
<b>COMP8160</b>	eHealth	15	Autumn	7
<b>COMP8220</b>	Introduction to Quantum Computing & Quantum Cryptography	15	Spring	7
<b>COMP8240</b>	Privacy	15	Autumn	7
<b>COMP8250</b>	Introduction to Artificial Intelligence	15	Autumn	7
<b>COMP8260</b>	AI Systems Implementation	15	Spring	7
<b>COMP8270</b>	Programming for Artificial Intelligence	15	Autumn	7
<b>COMP8320</b>	Data Mining and Knowledge Discovery	15	Spring	7
<b>COMP8340</b>	Information Security Management	15	Spring	7
<b>COMP8360</b>	Cognitive Neural Networks	15	Autumn	7
<b>COMP8370</b>	Natural Computation	15	Autumn	7
<b>COMP8380</b>	Internet of Things and Mobile Devices	15	Spring	7
<b>COMP8410</b>	Cyber Law	15	Autumn	7
<b>COMP8481</b>	Solving Problems with Data and Text	15	Spring	7
<b>COMP8685</b>	Deep Learning	15	Spring	7
<b>COMP8740</b>	Networks and Network Security	15	Autumn	7
<b>COMP8760</b>	Computer Security	15	Autumn	7
<b>COMP8920</b>	Advanced Network Security	15	Spring	7
<b>COMP8990</b>	Advanced Topics in Cyber Security	15	Spring	7
<b>ENLA6001++</b>	Advanced English for Academic Study in the Applied Sciences <b>Not running in 2023/24 academic year</b>	15	Autumn & Spring	6

++ This module is for International Students whose first language is not English.

**PLUS the following non-contributory compulsory modules:**

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
<b>COMP8805 *</b>	Project Methods	5	Spring	7
<b>WCOMP104</b>	PGT Additional Content	0	Autumn & Spring	W

\*This module cannot be trailed or condoned.

All students can also take the following non-contributory optional module:

Optional module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
WCOMP004	Computing Industrial Practice - Masters	0	Autumn & Spring	W

## STAGE 2 – 60 credits

You must take the following compulsory module (60 credits):

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	CREDIT LEVEL
COMP8800 *	Project and Dissertation	60	7

\*Module cannot be compensated or condoned

**STAGE 1 – 125 credits – 60 credits per term**

You must take 60 Autumn term credits and 60 Spring term credits from the following optional modules (ENLA6001 counts as a Spring module for this purpose):

Students may not choose more than 30 credits of Level 5 or 6 modules in total during their MSc.

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
COMP5450	Functional Programming	15	Spring	5
COMP6590	Computational Creativity	15	Spring	6
COMP6690	Cognitive Robotics	15	Spring	6
COMP8160	eHealth	15	Autumn	7
COMP8220	Introduction to Quantum Computing & Quantum Cryptography	15	Spring	7
COMP8240	Privacy	15	Autumn	7
COMP8250	Introduction to Artificial Intelligence	15	Autumn	7
COMP8260	AI Systems Implementation	15	Spring	7
COMP8270	Programming for Artificial Intelligence	15	Autumn	7
COMP8320	Data Mining and Knowledge Discovery	15	Spring	7
COMP8340	Information Security Management	15	Spring	7
COMP8360	Cognitive Neural Networks	15	Autumn	7
COMP8370	Natural Computation	15	Autumn	7
COMP8380	Internet of Things and Mobile Devices	15	Spring	7
COMP8410	Cyber Law	15	Autumn	7
COMP8481	Solving Problems with Data and Text	15	Spring	7
COMP8685	Deep Learning	15	Spring	7
COMP8710 †	Advanced Java for Programmers	15	Autumn	7
COMP8740	Networks and Network Security	15	Autumn	7
COMP8760	Computer Security	15	Autumn	7
COMP8920	Advanced Network Security	15	Spring	7
COMP8990	Advanced Topics in Cyber Security	15	Spring	7
ENLA6001 ++	Advanced English for Academic Study in the Applied Sciences <b>Not running in 2023/24 academic year</b>	15	Autumn & Spring	6

† Intended for those students who have not previously studied Java (COMP8710) or Python (COMP8270). Please be aware that many of the concepts will have been covered by the courses at Epitech.

++ This module is for International Students whose first language is not English.

**PLUS the following non-contributory compulsory modules:**

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
COMP8805 *	Project Methods	5	Spring	7
WCOMP104	PGT Additional Content	0	Autumn & Spring	W

\*This module cannot be trailed or condoned.

**All students can also take the following non-contributory optional module:**

Optional module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
WCOMP004	Computing Industrial Practice - Masters	0	Autumn & Spring	W

## STAGE 2 – 60 credits

You must take the following compulsory module (60 credits):

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	CREDIT LEVEL
COMP8800*	Project and Dissertation	60	7

\*Module cannot be compensated or condoned

**STAGE 1 – 125 credits – 60 credits per term**

**You must take the following compulsory modules (90 credits):**

<b>Compulsory modules:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>TERM TAUGHT</b>	<b>CREDIT LEVEL</b>
COMP8260	AI Systems Implementation	15	Spring	7
COMP8270	Programming for Artificial Intelligence	15	Autumn	7
COMP8320 ‡	Data Mining and Knowledge Discovery	15	Spring	7
COMP8360 ‡	Cognitive Neural Networks	15	Autumn	7
COMP8370 ‡	Natural Computation	15	Autumn	7
COMP8685	Deep Learning	15	Spring	7

‡ At least 30 credits of these modules must be passed without compensation or condonement.

**PLUS 15 Autumn credits and 15 Spring credits from the optional modules below (ENLA6001 counts as a Spring module for this purpose):**

Students may not choose more than 30 credits of Level 5 or 6 modules in total during their MSc.

<b>Optional modules:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>TERM TAUGHT</b>	<b>CREDIT LEVEL</b>
COMP5450	Functional Programming	15	Spring	5
COMP6590	Computational Creativity	15	Spring	6
COMP6690	Cognitive Robotics	15	Spring	6
COMP8230	Introduction to Digital Forensics	15	Spring	7
COMP8240	Privacy	15	Autumn	7
COMP8250	Introduction to Artificial Intelligence	15	Autumn	7
COMP8340	Information Security Management	15	Spring	7
COMP8380	Internet of Things and Mobile Devices	15	Spring	7
COMP8410	Cyber Law	15	Autumn	7
COMP8481	Solving Problems with Data and Text	15	Spring	7
COMP8740	Networks and Network Security	15	Autumn	7
COMP8760	Computer Security	15	Autumn	7
COMP8920	Advanced Network Security	15	Spring	7
ENLA6001++	Advanced English for Academic Study in the Applied Sciences <b>Not running in 2023/24 academic year</b>	15	Autumn & Spring	6

++ This module is for International Students whose first language is not English.

**PLUS the following non-contributory compulsory modules:**

<b>Compulsory modules:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>TERM TAUGHT</b>	<b>CREDIT LEVEL</b>
COMP8805 *	Project Methods	5	Spring	7
WCOMP104	PGT Additional Content	0	Autumn & Spring	W

\* This module cannot be trailed or condoned.

**All students can also take the following non-contributory optional module:**

<b>Optional module:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>TERM TAUGHT</b>	<b>CREDIT LEVEL</b>
WCOMP004	Computing –Industrial Practice - Masters	0	Autumn & Spring	W

## STAGE 2 – 60 credits

You must take the following compulsory module (60 credits):

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	CREDIT LEVEL
COMP8800 *	Project and Dissertation	60	7

\*Module cannot be compensated or condoned



**STAGE 1 – 125 credits – 60 credits per term**

You must take the following compulsory modules (75 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
COMP8260	AI Systems Implementation	15	Spring	7
COMP8320 ‡	Data Mining and Knowledge Discovery	15	Spring	7
COMP8360 ‡	Cognitive Neural Networks	15	Autumn	7
COMP8370 ‡	Natural Computation	15	Autumn	7
COMP8685	Deep Learning	15	Spring	7

‡ At least 30 credits of these modules must be passed without compensation or condonement.

**PLUS 30 Autumn term credits and 15 Spring term credits from the following optional modules (ENLA6001 counts as a Spring module for this purpose):**

Students may not choose more than 30 credits of Level 5 or 6 modules in total during their MSC.

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
COMP5450	Functional Programming	15	Spring	5
COMP6590	Computational Creativity	15	Spring	6
COMP6690	Cognitive Robotics	15	Spring	6
COMP8230	Introduction to Digital Forensics	15	Spring	7
COMP8240	Privacy	15	Autumn	7
COMP8250	Introduction to Artificial Intelligence	15	Autumn	7
COMP8270 †	Programming for Artificial Intelligence	15	Autumn	7
COMP8340	Information Security Management	15	Spring	7
COMP8380	Internet of Things and Mobile Devices	15	Spring	7
COMP8410	Cyber Law	15	Autumn	7
COMP8481	Solving Problems with Data and Text	15	Spring	7
COMP8710 †	Advanced Java for Programmers	15	Autumn	7
COMP8740	Networks and Network Security	15	Autumn	7
COMP8760	Computer Security	15	Autumn	7
COMP8920	Advanced Network Security	15	Spring	7
COMP8990	Advanced Topics in Cyber Security	15	Spring	7
ENLA6001 ++	Advanced English for Academic Study in the Applied Sciences <b>Not running in 2023/24 academic year</b>	15	Autumn & Spring	6

† Intended for those students who have not previously studied Java. (COMP8710) or Python (COMP8270). Please be aware that many of the concepts will have been covered by the courses at Epitech.

++ This module is for International Students whose first language is not English.

**PLUS the following non-contributory compulsory modules:**

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
COMP8805 *	Project Methods	5	Spring	7
WCOMP104	PGT Additional Content	0	Autumn & Spring	W

\* This module cannot be trailed or condoned.

**All students can also take the following non-contributory optional module:**

Optional module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
WCOMP004	Computing Industrial Practice - Masters	0	Autumn & Spring	W

## STAGE 2 – 60 credits

You must take the following compulsory module (60 credits):

<b>Compulsory module:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>CREDIT LEVEL</b>
COMP8800*	Project and Dissertation	60	7

\*Module cannot be compensated or condoned

**STAGE 1 – 125 credits – 60 credits per term**

You must take the following compulsory modules (60 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
COMP8830	Systems Architecture	15	Autumn	7
COMP8840	Algorithms and Logic	15	Spring	7
COMP8860	Software Engineering	15	Spring	7
COMP8870	Web-Based Information Systems Development	15	Spring	7

You must take EITHER **COMP8710** OR both **COMP8810** AND **COMP8820** depending on your prior experience of programming (15-30 credits):

**COMP8710** is for students with substantial prior experience of programming.

**COMP8810** & **COMP8820** are for students with limited or no prior experience of programming.

Compulsory module(s):	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
COMP8710	Advanced Java for Programmers	15	Autumn	7
OR				
COMP8810	Object-Oriented Programming	15	Autumn	7
COMP8820	Advanced Object-Oriented Programming	15	Autumn	7

If you take **COMP8810** and **COMP8820**, you must take 15 credits from the following optional modules:

Students may not choose more than 30 credits of Level 5 or 6 modules in total during the MSc.

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
COMP5820	Computer Interaction and User Experience	15	Autumn	5
COMP8360	Cognitive Neural Networks	15	Autumn	7
COMP8370	Natural Computation	15	Autumn	7
COMP8410	Cyber Law	15	Autumn	7
COMP8740	Networks and Network Security	15	Autumn	7

If you take **COMP8710** you must take 30 credits from the following optional modules:

Students may not choose more than 30 credits of Level 5 or 6 modules in total during the MSc.

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
COMP5820	Computer Interaction and User Experience	15	Autumn	5
COMP8160	eHealth	15	Autumn	7
COMP8250	Introduction to Artificial Intelligence	15	Autumn	7
COMP8360	Cognitive Neural Networks	15	Autumn	7
COMP8370	Natural Computation	15	Autumn	7
COMP8410	Cyber Law	15	Autumn	7
COMP8740	Networks and Network Security	15	Autumn	7

The remaining 15 credits can be taken from the following optional modules:

Students may not choose more than 30 credits of Level 5 or 6 modules in total during the MSc.

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
COMP5580	Introduction to Cyber Security	15	Spring	5
COMP6590	Computational Creativity	15	Spring	6
COMP6690	Cognitive Robotics	15	Spring	6

COMP8320	Data Mining and Knowledge Discovery	15	Spring	7
COMP8340	Information Security Management	15	Spring	7
COMP8481	Solving Problems with Data and Text	15	Spring	7
COMP8685 §	Deep Learning	15	Spring	7
ENLA6001 ++	Advanced English for Academic Study in the Applied Sciences <b>Not running in 2023/24 academic year</b>	15	Autumn & Spring	6

§ This module has a prerequisite COMP8360

++ This module is for International Students whose first language is not English.

**PLUS the following non-contributory compulsory modules:**

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
COMP8805 *	Project Methods	5	Spring	7
WCOMP104	PGT Additional Content	0	Autumn & Spring	W

\* This module cannot be trailed or condoned.

**All students can also take the following non-contributory optional module:**

Optional module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
WCOMP004	Computing –Industrial Practice - Masters	0	Autumn & Spring	W

## STAGE 2 – 60 credits

**You must take the following compulsory module (60 credits):**

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	CREDIT LEVEL
COMP8800*	Project and Dissertation	60	7

\*Module cannot be compensated or condoned

**COMPUTER SCIENCE (ARTIFICIAL INTELLIGENCE)  
COMPUTER SCIENCE (ARTIFICIAL INTELLIGENCE) WITH  
AN INDUSTRIAL PLACEMENT**

**PCAI0001X2MS-F  
PCAI0001P2MS-F**

**STAGE 1 – 125 credits – 60 credits per term**

**You must take the following compulsory modules (90 credits):**

<b>Compulsory modules:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>TERM TAUGHT</b>	<b>CREDIT LEVEL</b>
<a href="#">COMP8260</a>	AI Systems Implementation	15	Spring	7
<a href="#">COMP8270</a>	Programming for Artificial Intelligence	15	Autumn	7
<a href="#">COMP8320</a>	Data Mining and Knowledge Discovery	15	Spring	7
<a href="#">COMP8370</a>	Natural Computation	15	Autumn	7
<a href="#">COMP8481</a>	Solving Problems with Data and Text	15	Spring	7
<a href="#">COMP8830</a>	Systems Architecture	15	Autumn	7

**If you have NOT studied programming before, you must take [COMP8810](#) as a compulsory module:**

[COMP8810](#) is for students with limited or no prior experience of programming, students should contact the Director of Studies or [cemsugandpjt@kent.ac.uk](mailto:cemsugandpjt@kent.ac.uk) if they are unsure whether they need to take this module.

<b>Compulsory module:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>TERM TAUGHT</b>	<b>CREDIT LEVEL</b>
<a href="#">COMP8810</a>	Object-Oriented Programming	15	Autumn	7

**If you DO NOT need to take [COMP8810](#), you must take 15 credits from the following optional modules:**

Students may not choose more than 30 credits of Level 5 or 6 modules in total during the MSc.

<b>Optional modules:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>TERM TAUGHT</b>	<b>CREDIT LEVEL</b>
<a href="#">COMP5820</a>	Computer Interaction and User Experience	15	Autumn	5
<a href="#">COMP8250</a>	Introduction to Artificial Intelligence	15	Autumn	7
<a href="#">COMP8360</a>	Cognitive Neural Networks	15	Autumn	7

**The remaining 15 credits can be taken from the following optional modules ([ENLA6001](#) counts as a Spring module for this purpose):**

Students may not choose more than 30 credits of Level 5 or 6 modules in total during the MSc.

<b>Optional modules:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>TERM TAUGHT</b>	<b>CREDIT LEVEL</b>
<a href="#">COMP6590</a>	Computational Creativity	15	Spring	6
<a href="#">COMP6690</a>	Cognitive Robotics	15	Spring	6
<a href="#">COMP8685</a> §	Deep Learning	15	Spring	7
<a href="#">COMP8840</a>	Algorithms and Logic	15	Spring	7
<a href="#">COMP8860</a>	Software Engineering	15	Spring	7
<a href="#">COMP8870</a>	Web-Based Information Systems Development	15	Spring	7
<a href="#">ENLA6001</a> ++	Advanced English for Academic Study in the Applied Sciences <b>Not running in 2023/24 academic year</b>	15	Autumn & Spring	6

§ This module has a prerequisite COMP8360

++This module is for International Students whose first language is not English

**PLUS the following non-contributory compulsory modules:**

<b>Compulsory modules:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>TERM TAUGHT</b>	<b>CREDIT LEVEL</b>
<a href="#">COMP8805</a> *	Project Methods	5	Spring	7
<a href="#">WCOMP104</a>	PGT Additional Content	0	Autumn & Spring	W

\* This module cannot be trailed or condoned.

All students can also take the following non-contributory optional module:

Optional module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
WCOMP004	Computing –Industrial Practice - Masters	0	Autumn & Spring	W

## STAGE 2 – 60 credits

You must take the following compulsory module (60 credits):

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	CREDIT LEVEL
COMP8800*	Project and Dissertation	60	7

\*Module cannot be compensated or condoned

**COMPUTER SCIENCE (CYBER SECURITY)  
COMPUTER SCIENCE (CYBER SECURITY) WITH  
AN INDUSTRIAL PLACEMENT**

**PCYB0001X4MS-F  
PCYB0001P4MS-F**

**STAGE 1 – 125 credits – 60 credits per term**

You must take the following compulsory modules (45 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
COMP8230	Introduction to Digital Forensics	15	Spring	7
COMP8340	Information Security Management	15	Spring	7
COMP8830	Systems Architecture	15	Autumn	7

You must take EITHER **COMP8710** OR both **COMP8810** AND **COMP8820** depending on your prior experience of programming (15-30 credits):

**COMP8710** is for students with substantial prior experience of programming.

**COMP8810** & **COMP8820** are for students with limited or no prior experience of programming.

Compulsory module(s):	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
COMP8710	Advanced Java for Programmers	15	Autumn	7
OR				
COMP8810	Object-Oriented Programming	15	Autumn	7
COMP8820	Advanced Object-Oriented Programming	15	Autumn	7

If you take **COMP8810** and **COMP8820**, you must take 15 credits from the following optional modules:

Students may not choose more than 30 credits of Level 5 or 6 modules in total during the MSc.

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
COMP8410	Cyber Law	15	Autumn	7
COMP8740	Networks and Network Security	15	Autumn	7
POLI6910	Governance and War in Cyberspace <b>Not running 23/24</b>	15	Autumn	6
SOCI7600	Technology, Control and Cyber Crime	15	Autumn	6

If you take **COMP8710**, you must take 30 credits from the following optional modules:

Students may not choose more than 30 credits of Level 5 or 6 modules in total during their MSc.

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
COMP5820	Computer Interaction and User Experience	15	Autumn	5
COMP8250	Introduction to Artificial Intelligence	15	Autumn	7
COMP8410	Cyber Law	15	Autumn	7
COMP8740	Networks and Network Security	15	Autumn	7
POLI6910	Governance and War in Cyberspace <b>Not running 23/24</b>	15	Autumn	6
SOCI7600	Technology, Control and Cyber Crime	15	Autumn	6

The remaining 30 credits can be taken from the following optional modules (**ENLA6001** counts as a Spring module for this purpose):

Students may not choose more than 30 credits of Level 5 or 6 modules in total during their MSc.

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
COMP6690	Cognitive Robotics	15	Spring	6
COMP8320	Data Mining and Knowledge Discovery	15	Spring	7
COMP8380	Internet of Things and Mobile Devices	15	Spring	7
COMP8481	Solving Problems with Data and Text	15	Spring	7
COMP8840	Algorithms and Logic	15	Spring	7

COMP8860	Software Engineering	15	Spring	7
COMP8870	Web-Based Information Systems Development	15	Spring	7
ENLA6001 ++	Advanced English for Academic Study in the Applied Sciences <b>Not running in 2023/24 academic year</b>	15	Autumn & Spring	6

++This module is for International Students whose first language is not English

**PLUS the following non-contributory compulsory modules:**

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
COMP8805 *	Project Methods	5	Spring	7
WCOMP104	PGT Additional Content	0	Autumn & Spring	W

\* This module cannot be trailed or condoned.

**All students can also take the following non-contributory optional module:**

Optional module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
WCOMP004	Computing –Industrial Practice - Masters	0	Autumn & Spring	W

## STAGE 2 – 60 credits

**You must take the following compulsory module (60 credits):**

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	CREDIT LEVEL
COMP8800*	Project and Dissertation	60	7

\*Module cannot be compensated or condoned



**CYBER SECURITY  
CYBER SECURITY WITH AN INDUSTRIAL PLACEMENT  
CYBER SECURITY (EPITECH VERSION)**

**PCYB0001X3MS-F  
PCYB0001P3MS-F  
PCYB0001S3MS-F**

**STAGE 1 – 125 credits – 60 credits per term**

You must take the following compulsory modules (105 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
COMP8240	Privacy	15	Autumn	7
COMP8340	Information Security Management	15	Spring	7
COMP8410	Cyber Law	15	Autumn	7
COMP8740	Networks and Network Security	15	Autumn	7
COMP8760	Computer Security	15	Autumn	7
COMP8920	Advanced Network Security	15	Spring	7
COMP8990	Advanced Topics in Cyber Security	15	Spring	7

The remaining 15 credits can be taken from the following optional modules:

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
COMP8220	Introduction to Quantum Computing & Quantum Cryptography	15	Spring	7
COMP8230	Introduction to Digital Forensics	15	Spring	7

PLUS the following non-contributory compulsory modules:

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
COMP8805 *	Project Methods	5	Spring	7
WCOMP104	PGT Additional Content	0	Autumn & Spring	W

\* This module cannot be trailed or condoned.

All students can also take the following non-contributory optional module:

Optional module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
WCOMP004	Computing –Industrial Practice - Masters	0	Autumn & Spring	W

**STAGE 2 – 60 credits**

You must take the following compulsory module (60 credits):

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	CREDIT LEVEL
COMP8800 *	Project and Dissertation	60	7

\*Module cannot be compensated or condoned